 - Line					7	ć
GW 3		Approved Stock Form-State Pu	blishing Co., Hele	na Montana-42262	3 L	
File No			т	R = 9	•••••	
DUPLICATE			County	ruselsh	all	
	STATE	OF MONTANA		DECEI	VEM	
	ADMINISTRATOR	OF GROUNDWATER	CODE	LIU JAN 2	49100	
	OFFICE OF	STATE ENGINEER		S MAC	1964	

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

OFFICE OF STATE ENGINEER

	Date of Appropriation of Groundwater about 1966 -
	Owner Falph Harvey Address Musselshell
	Contractor (if any)
	Address of Contractor
	Date Started Date Completed
, // // // // // // // // // // // // //	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable
S  NU14 2 Sec. S. T. 29 R.  Indicate point of appropriation and place of use, if possible.	estimate approximate lengths of periods of use

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA, MUSSELSHELL COUNTY, SEA.

FILED THIS 30 DAY OF A D 1963

AT / 1/2 O'CLOCK / M

B. H. MATZKE

COUNTYRECORDER

NES DEPUTY

c	- 1—Helena	Independent	Record
File	No		

T SN R 29E

County Musselshell

DUPLICATE

## STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

## RECEIVED NOV 15 1963

#### **Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

MOG	chern Lacilic wallmal	Company of St.Paul 1. Mir (Address) (Town)
	(Name of Appropriator)	(Address) (Town) State of Minnesota
Count	ty of Kamsey	State of Mannesova
lows:		cording to the Montana laws in effect prior to January 1, 1962, as f
	N	o m
1 1		2. The beneficial use on which the claim is based watering livestock.
		<ol> <li>Date or approximate date of earliest beneficial use; and how or tinuous the use has been Continuous since 1961.</li> </ol>
		· MICOUG GIC COL IGO MCGI . W. WAR KRAMAN M
	E	
		4. The amount of groundwater claimed (in miner's inches or galle
		per minute) 10 gallons per minute.
	s	5. If used for irrigation, give the acreage and description of lands to which water has been applied and name of the own
	<del>-</del>	thereof None
<b>E</b> 1/2	Sec. 23. TSN. R. 29E	
	point of appropriation	
d plac	e of use, if possible.	6. The means of withdrawing such water from the ground and
ich small square represents 10		
	an square represents to	location of each well or other means of withdrawal Purp.
The d	late of commencement and co al of groundwater Dril	mpletion of the construction of the <u>well</u> , wells, or other works for willed in 1961.
The days The d	late of commencement and co al of groundwater	rest.  Yee, size and depth of each well or the general specifications of a groundwater 175 feet deep.
The days	date of commencement and co al of groundwater	repletion of the construction of the well, wells, or other works for willed in 1961.  Feet.  ype, size and depth of each well or the general specifications of a groundwater 175 feet deep.
The days	late of commencement and co al of groundwater Dr11 depth of water table 110 r as it may be available, the ty works for the withdrawal of	repletion of the construction of the well, wells, or other works for willed in 1961.  Feet.  ype, size and depth of each well or the general specifications of a groundwater 175 feet deep.
The darws The do	late of commencement and co late of groundwater	repletion of the construction of the well, wells, or other works for willed in 1961.  Feet.  ype, size and depth of each well or the general specifications of a groundwater 175 feet deep.
The days	date of commencement and co al of groundwater	feet.  ype, size and depth of each well or the general specifications of a groundwater 175 feet deep.
The dedraws The description So far other The leader The leader Such	date of commencement and coal of groundwater	repletion of the construction of the well, wells, or other works for willed in 1961.  Feet.  ype, size and depth of each well or the general specifications of a groundwater 175 feet deep.  ater withdrawn each year  in the drilling of each well if available 0-12; sandy soil; a: 65; sand stone - 2 gal. per minute; 140; 175; sand stone.
The of draws The of So far other The e	date of commencement and co al of groundwater	repletion of the construction of the well, wells, or other works for willed in 1961.  Peet.  ype, size and depth of each well or the general specifications of a groundwater 175 feet deep.  ater withdrawn each year  in the drilling of each well if available 0-12; sandy soil:

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA, MUSSELSHELL COUNTY.

Carlotte Control Control

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PROPERTY OF THE PROPERTY OF TH

teres e conservador de la como se personal estador de la conservada de la conservada de la conservada de la con manger of well that he distributed to the tent at the form

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ANA,
DAY,

MANELLA DAY,

MANELLA A D. 19

1: 46 O'CLOCK M

B. H. MATZKE

COUNTY BECORDER

COUNTY BECORDER

**经过度公司 51条1**3

1988年19月1日 1988年19月

GW 4

T. R. Z. J. Z. U. Scounty Musideshiel

#### State of Montana Administrator of groundwater Code Office of State Engineer

DECEIVED

DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws, 1961)

	1. Ralph Harney of Musselshell & Al Wondinker
	(Name of Appropriator) (Address) (Town) County of Muchaelshell State of Mandana
	have appropriated groundwater according to the Montana laws in effect prior to January 1,
	1962, as follows:
	trakenta
	2. The beneficial use on which the claim is based. Stock water
U	3. Date or approximate date of earliest beneficial use; and how.
	continuous the use has been \$1.29.6. nullantinuous. Assec
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
	NE. 1 Sec. 2. T. X R <sup>29</sup> 5. If used for irrigation, give the acreage and description of the
	lands to which water has been applied and name of the owner thereof. Rollings of the owner thereof. Rollings of the owner thereof.
	tion and blace of use, if possible. Each small square 6. The means of withdrawing such water from the ground and the
	represents 10 acres.  location of each well or other means of withdrawal
	Motor out Wandmill
	7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
	<i>-,1</i>
	8. The depth of water table .5.4.
	9. So far as it may be available, the type, size and depth of each well or the general
	specifications of any other works for the withdrawal of groundwal of groundwater
	10. The estimated amount of groundwater withdrawn each year. Long Mongalette
	11. The log of formations, encountered in the drilling of each well if available
	140 . shale (145 pumping level) 175 sandstone b. ita bottom
	12. Such other information of a similar nature as may be useful in carrying out the
	policy of this act, including reference to book and page of any count record
	Signature of Owner A. M. M. M. Manely
	Signature of Owner Rough Handly  Date D. Jac. 30. 1.9.63.

STATE OF MONTANA,
MUSSELSHELL COUNTY. SS.

FILED THIS 30 DAY OF

A D. 19 6-3

AT ///8 OCLOCK M.

B. H. MATZKE

COUNTY RECORDER

TANKS OF MAYON

DEPLITY

N r 8	£ 24
County . W. W.	erhell.

## State of Montana Administrator of groundwater Code Office of State Engineer

Administrator of groundwater Code
Office of State Engineer

DECLARATION OF VESTED GROUNDWATER RIGHTS

JAN 2 1964

	(Under Chapter 237, Montana Session Laws, 1961)
	Sikir ENGINEER
	Name of Appropriator) (Address) (Town)
	County of
	have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
	2. The beneficial use on which the claim is based
	mater for stock
w	ε
	3. Date or approximate date of earliest beneficial uses and how continuous the use has been
	4. The amount of groundwater claimed (in miner's inches or gallor
ø	4. The amount of groundwater claimed (in miner's inches or gallon per minute).
	lands to which water has been applied and name of the owner
	Indicate point of appropriation and place of use, if
	possible. Each small square 6. The means of withdrawing, such water from the ground and the
	represents 10 acres. location of each well or other means of withdrawal
	••••••••••••••••••••••••••••••••••••••
	7. The date of commencement and completion of the construction of the well, wells, or other
	works for withdrawal, of ground water
	8. The depth of water table
	9. So far as it may be available, the type, size and depth of each well or the general
	specifications of any other works for the withdrawal of groundwall of groundwater
	10. The estimated amount of groundwater withdrawn each year. 50,000 gal.
	•
	11. The log of formations encountered in the drilling of each well if available
	/
1	/12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any count record
V	
0.	Signature of Owner Balph Honney Date Dec 30 1963
	75- Juffahale Da. 21 1962
	1) A STATE PARTIE
	The rank Charles
	12 blue shale
	1/2 week product
	13 Coal 84 gray phale 85 hard ledge
	84 The A Valorie
	85 mara reagon

17779

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 3.D DAY OF

A. D. 196.3

AT /// 6 O'CLOCK / M.

B. H. MATZKE

COUNTY RECORDER

OF MALLEN

DEPUTY

File No..... County 17455c/she// DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER STATE ENGINEER Notice of Completion of Groundwater Appropriation Without Well (Under Chapter 237 Montana Session Laws, 1961) Date of Appropriation of Groundwater Laknown Lo. 1950 Owner Bar UBar Catale address Musselshell, Mont. Contractor (if any) Grange Bud" Hansen Address of Contractor Rounday Most 1951 Date Completed 1951 Date Started.. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring boxed + piped to trough, depth to water 37t. Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-

S.E. 1/4 Sec 25 T8 R29

Indicate point of appropriation and place of use, if possible.

tent estimate approximate lengths of periods of use

Spring runs 14 pt 3

Full year round

Used Fen Stock Water

Signature of Owner by: hards CotzleCo., In o

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA, SEL MUSSELSHELL COUNTY SEL DAY OF LA D 18

AT 2.0/ O'CLOCK P.M.

2.0/CLC
B. H. MATZKE
COUNTY RECORDER
DEPUTY

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G	ord		N E a 175
File No			T 8 R 29
DUPLICATE			County Musselshell
· · · · · · · · · · · · · · · · · · ·	ADMINISTRA!	TATE OF MONTANA TOR OF GROUNDWATER CODE E OF STATE ENGINEER	DECEIVED
		Vested Groundwater Right 237, Montana Session Laws, 1961)	STATE ENGINEER
1 Bar UBar C (Name of A County of Ma have appropriated gro lows:	Appropriator) SSEIS hell  oundwater according	of Massels (Address)  State of Montana laws in effect p	(Town) rior to January 1, 1962, as fol-
N	2.	Stock water	<u> </u>
w	3. E	Date or approximate date of earlies tinuous the use has been	thos never been
	4.	The amount of groundwater claime per minute)	per minute
s	5.	If used for irrigation, give the a lands to which water has been ap	creage and description of the oplied and name of the owner
S.E.4 Sec.25 T. 8	R-29		
Indicate point of approp and place of use, if po		The means of withdrawing such w	
Each small square represe acres.		location of each well or other mea	ns of withdrawal
		well has never	•
7. The date of commence drawal of groundwate	ement and complete	ion of the construction of the well,	wells, or other works for with-
8. The depth of water ta	ble4	/p '	
9. So far as it may be aventher works for the w	ailable, the type, si ithdrawal of groun	ze and depth of each well or the dwater	general specifications of any
***************************************			
10. The estimated amount	of groundwater w	vithdrawn each year	zyet
11. The log of formations	encountered in the	drilling of each well if available	
reference to book and	page of any county	re as may be useful in carrying out	
***************************************		Signature of Owner.	y: Charles C. White
		Date.	12/13/63
Three copies to be filed by located.	the owner with th	e County Clerk and Recorder of the	e county in which the well is
Please answer all questions	s. If not applicable	, so state, otherwise the form will	be returned.
Original to the County Cler of Mines and Geology and	rk and Recorder; d Quadruplicate for t	uplicate to the State Engineer; Triphe Appropriator.	plicate to the Montana Bureau

11642.

STATE OF MONTANA, SS. MUSSELSHELL COUNTY.
MUSSELSHELL COUNTY.
FILED THIS DAY OF
AT 2:07 O'CLOCK M.
B. H. MATZKE
COUNTY RECORDER
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N. C.

			8 R 29
PLICATE	ADMINISTRA	TATE OF MONTANA TOR OF GROUNDWATER CODE	Ounty Musselshel
Name of Approcounty of 19455.	Under Chapter	237, Montana Session Laws, 1961)	DECETYD  DEC 23 1963  STATE ENGINEE  (Town)  or to January 1, 1962, as fol-
N N	2.	The beneficial use on which the cla	im is based
	E	tinuous the use has been 19.	54 date
	4.	The amount of groundwater claimed per minute)	(in miner's inches or gallons
8	5.	If used for irrigation, give the acr lands to which water has been appl	eage and description of the lied and name of the owner
licate point of appropriation I place of use, if possible th small square represents 1	on e. 6.	The means of withdrawir ; such was	ter from the ground and the
The date of commencement drawal of groundwater	t and complet	ion of the construction of the well, we	ells, or other works for with-
The depth of water table	21	77.	
other works for the withdr	awal of group	dwater	•
		rithdrawn each year	
The log of formations encou	intered in the	drilling of each well if available	
Such other information of a reference to book and page	a similar natur of any county	re as may be useful in carrying out the	
	(Name of Approcounty of May See have appropriated grounds lows:  N  Sec 26 T. 8. R.2  dicate point of appropriation of place of use, if possible channels square represents ites.  The date of commencement drawal of groundwater may be availabed ther works for the withdress of the	Declaration of (Under Chapter Ray Cottle Control of Appropriator)  County of Appropriator)  County of Appropriator groundwater according lows:  N  2.  3.  4.  Sec 26 T.S. Ray dicate point of appropriation do place of use, if possible. che small square represents 10 res.  The date of commencement and complete drawal of groundwater Appropriation do place of use, if possible and the small square represents 10 res.  The date of commencement and complete drawal of groundwater Appropriation do place of use, if possible and the small square represents 10 res.	2. The beneficial use on which the cla  Livestock was  3. Date or approximate date of earliest tinuous the use has been 29.  Continuous to use has been 29.  Continuous to use has been 29.  The amount of groundwater claimed per minute) 20.  If used for irrigation, give the acr lands to which water has been apply thereof 20.  If used for irrigation, give the acr lands to which water has been apply thereof 20.  The means of withdrawir, such was location of each well or other means of withdrawir and completion of the construction of the well, we drawal of groundwater 25.  The depth of water table 21.  So far as it may be available, the type, size and depth of each well or the gother works for the withdrawal of groundwater 25.  So far as it may be available, the type, size and depth of each well or the gother works for the withdrawal of groundwater 25.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA,
MUSSELSHELL COUNTY,
FILED THIS

DAY OF

A. D. 19

AT 2: 0 6 O'CLOCK M.

B. H. MATZE COUNTY RECORDER

\$2.00

.

ORIGINAL

County Musselshel

## STATE OF MONTANA

		OFFICE OF STATE ENGINEER
er L		ion of Vested Groundwater Rights Chapter 237, Montana Session Laws, 1961)
ı Bar	(Name of Appropriator	(Address) (Town)    State of   1000 to     Coording to the Montana laws in effect prior to January 1, 1962, as fol-
County of have applicated to hav	or copriated groundwater a	ccording to the Montana laws in effect prior to January 1, 1962, as fol-
· <b>/</b>	N	2. The beneficial use on which the claim is based
		3. Date or approximate date of earliest beneficial use; and how continuous the use has been
		Captally Gaga Land
		4. The amount of groundwater claimed (in miner's inches or gallons per minute)
0	26 - Consected 26 - C	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner
	26 -4/73	thereof wild milly pains fraction
Indicate poi	nt of appropriation	January Carachard Comment of the Control of the Con
and place	of use, if possible. square represents 10	6. The means of withdrawing such water from the ground and the
ecres.	J-L Ranch	location of each well or other means of withdrawal
So for ou	it may be available the	type, size and depth of each well or the general specifications of any groundwater
135	- 1/2" Equi	groundwater 230 decp
1851	34 3test	prisensifi D. C. L
		water withdrawn each year
L. The log o	of formations encountered	in the drilling of each well if available
**************		
. Such oth	er information of a simils	ar nature as may be useful in carrying out the policy of this act, including
reference		county record
Doc.	No 8056, 169228	Signature of Owner Ly: Charles Cott 10 for
this.	1944 tay of Dearms	
ရှို စုပ်ထားလ	K PM	with the County Clerk and Recorder of the county in which the well is
ested.	•	
interest to the	County Clerk and Reco	plicable, so state, otherwise the form will be returned.  order; duplicate to the State Engineer; Triplicate to the Montana Bureau.
Son send	Geology and Quadruplica	te for the Appropriator.
	•	52955

STATE OF MONTANA

County of MUSSEISHELL

Charle C White having first been duly eworn, deposed and say withat he wood lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed therato.

as the appropriator and claimant that he know the contents of said foregoing notice and that the matters and things therein stated are true.

But He water and Records and the matters and things therein stated are true.

But He matters and Records and Records August the County, Montana Notary Public for the State of Montana.

Residing at Caines, Montana.

Residing at Caines, Montana.

169228

. . .

G' -Helena Independent Record		N E T. 2
File No		T 8 R 25
DUPLICATE		County Musselshell
	STATE OF MONTANA ADMINISTRATOR OF GROUNDWATE OFFICE OF STATE ENGINEER	. 1011001611820cm
De	claration of Vested Groundwater	Rights DEC 23 1963
(1)	Under Chapter 237, Montana Session La	ws, 1961) STATE ENGINEER
1 Bar U Bar Ce (Name of Appr	opriator) (Address State of Manager according to the Montana laws in	se/she// (Town)
County of	water according to the Montana laws in	effect prior to January 1, 1962, as fol-
N	2. The beneficial use on whi	ich the claim is based
	tinuous the use has been	of earliest beneficial use; and how con-
w		todate
	•	er claimed (in miner's inches or gallons
	per minute)	al perminute
8	5. If used for irrigation, give ands to which water has	we the acreage and description of the been applied and name of the owner
W Sec. 2.8 T.S R.	thereof Uilad m	11, pumpjack + otor (6. not used)
Indicate point of appropriation	on /	(G. not used)
and place of use, if possible Each small square represents acres.	10	g such water from the ground and the ther means of withdrawal
7. The date of commencemen drawal of groundwater	t and completion of the construction of t	he well, wells, or other works for with-
	125 Ft	
<u>-</u>		
235'-6" CG	ele, the type, size and depth of each well rawal of groundwater 235	
18 6 - 13, " St	eel pumprad	
10. The estimated amount of	groundwater withdrawn each year	1100000000
	untered in the drilling of each well if av	•
hot avai	10618	
reference to book and page	a similar nature as may be useful in carr of any county record	
		Bar UBar, Cattle
		CV / Mad Son
	Signature of O	wner by introduced to the B
	Signature of O	Bor U. 3.97 Cattles wnerby: Insulus Totulb Date 12/13/63

Three colocated.

Please answer all questions. If not applicable, so state otherwise the form will be returned.

1.69228

STATE OF MONTANA, MUSSELSHELL COUNTY. SA
FILED THIS DAY OF
A. D. 1963
AT 2: O CLOCK M.
B. H. MATZKE

COUNTY BECORDER

DEPUTY

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JPLICATE	ADMINISTRAT	ATE OF MONTANA OR OF GROUNDWATER CODE E OF STATE ENGINEER	DECEIVED
		Vested Groundwater Rights 237, Montana Session Laws, 1961)	100
Ran (Name of County of Manhave appropriated g	Catale Co, J Appropriator) 5 2 2 5 4 2 // roundwater according	(Address) State of Montana laws in effect pr	(Town) ior to January 1, 1962, as fol
lows:		The beneficial use on which the cl	aim is based
8		Date or approximate date of earlies tinuous the use has been 190	t beneficial use; and how con
	4.	The amount of groundwater claime per minute) 5 92 / P.	d (in miner's inches or gallon
s	•	If used for irrigation, give the aclands to which water has been ap	plied and name of the owne
/ 1/. O 55 m	& R.L.Y	***************************************	***************************************
dicate point of appro nd place of use, if ach small square repre	opriation possible. 6. esents 10	The means of withdrawing such w location of each well or other mean the industrial ways.	ns of withdrawal
ndicate point of appround place of use, if ach small square represents.  The date of commen	opriation possible. 6. esents 10	location of each well or other mean	ns of withdrawal
dicate point of approach place of use, if ach small square represers.  The date of commer drawal of groundwa	popriation possible. 6. esents 10  accement and completi	location of each well or other mean	wells, or other works for with
The depth of water  So far as it may be other works for the	popriation possible. 6. esents 10  accement and completi ter 252  table 522  available, the type, si withdrawal of ground for a first of the second of the s	location of each well or other mean  in of or of the construction of the well, well  ze and depth of each well or the diwater 3,000000000000000000000000000000000000	wells, or other works for with
The depth of water So far as it may be other works for the	table 220  available, the type, si withdrawal of groundwater with of groundwater with groun	location of each well or other mean	wells, or other works for with

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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STATE OF MONTANA.
MUSSELSHELL COUNTY. SS.
FILED THIS 19

B. H. MATZKE

COUNTY RECORDER

Plain J. DEPUTY

DEPUTY

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GW3
File No.....

**DUPLICATE** 

T. S. R. Z.S. County 1739 C. County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

(Ona	er Chapter 231 Montana Dession Daws, 1301)
N	Date of Appropriation of Groundwater Making and prior to 1960  Owner Bar MBar Cattle Co, Address Musselshell, Monte.  Contractor (if any) George Bad "Hansen  Address of Contractor Badad Date Completed 1952 Date Completed 1952 Date Completed 1952 Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to  water when applicable Soring Cleaned Out by
W	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-
Sec. 8. T.8 Rendicate point of appropriating place of use, if possible.	
	Date 12/13/43

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

## 1.69222

STATE OF MUSSELSHE	IONTANA	Se.	
FILED TH	is	9D	YOF
<u>Der</u> AT 2:0 2	Albert St. St. St.	A. D. 19 OCKN	
	MATZK	y .	
Elan	COUNT	y recori	ER
7		DEPU	ida.

Form No. 18 8-60 County MONTANA BUREAU OF MINES AND GEOLOGY) F. CEIVE Butte, Montana Water Well Log STATE ENGINEER Date Completed / Lean 93 Location: Sec. 29 T. (Churn, drill, rotary, other) Equipment used\_ Type of well (Dug, driven, or drilled) Municipal Stock Irrigation Water use: Domestic Industrial Drainage Other\_ Type A ( U (1) off Size Casing: 1 9 ft. to \_\_\_ft. Casing: \_\_\_\_ft. to \_\_\_\_ft. \_\_\_\_\_Size\_\_ \_\_\_\_ft. Type\_ \_\_\_\_Size\_\_\_\_ Perforated or screened: Ft. 19 to ft. Type of screen or perforations Alatted Static water level, for non-flowing well:\_\_\_\_\_ Shut-in pressure, for flowing well: \_\_\_\_\_lb./sq. in. on: \_feet at\_\_\_<u>? 9</u>\_\_gal. per min.\_ Pumping water level\_\_\_ Length of test\_\_\_\_ Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of Cement Base

(over)

Log of Well

<b>—</b>		Log of Well
Depth	feet	Description of Material Drilled
From	To	
0	5	Jab Snil
5	11	Sand and gravel
1)	19	granel
		water
19	29	gravel and solt sand stone
29		gravel and soft sound stone Blue shale
<u></u>		
<del></del>		
***************************************		·

Form No. 18 8-60 MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana STATE ENGINEER Water Well Log of Puter Address 11/11/ like hell Date Started Ofact 1-1955 Date Completed Charles 1458 Sec. 19 1. S- R. 99 4 sec. \_\_\_\_\_Bquipment used Call too Type of well Domestic Municipal Stock Irrigation Water use: Industrial drainage Other\_\_\_\_ Casing: 0 ft. to 4// ft. Type galacies Size Casing: \_\_\_\_ft. to \_\_\_\_ft. Type Size Casing: \_\_\_\_ft. to \_\_\_\_ft. Гуре\_\_\_ \_\_Size\_\_ Perforated or screened: Ft. JO to ft. 38. Ft. to ft. Type of screen or perforations have 941 Static water level, for non-flowing well: Shut-in pressure, for flowing well:\_\_\_\_\_lb./sq. in. on:\_\_ Pumping water level 34 feet at 30 gal. per min. Back How tested: 1 m .... 1 Length of test\_\_ Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) Carried Facility

(over)

Log of Well

<del></del>		LOW OF HELL
Depth	feet	Description of Material Drilled
From	То	
0	7	Int Jan
フ	19	Brain shall
19	26	Solt shale and said
96	34	Coardo a nit sand make
		water
34	39	Coal Bin Sale
39	4//	Bire hinde
	<u> </u>	
	<u> </u>	
	<del> </del>	
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	. ,		·			>_
Form No. 18 8-60		Ι	8	R	29	<i>&gt;</i> 0
		County	9	nu	selshe	£1
					TIVE	n)
	MONTANA BUREAU OI Butte,	F MINES AND Montana	GEOLOGK	Ŋ.	3 × 1961 L	رلا
	Water i	Well Log	S.	TATE I	ENGINE	ER
	Owner Francis	Uhin	_Address	: M 1	isaeks.	kritt.
	Driller JAG Polo	23	_Address	: P	rundi	<u> </u>
	Date Started June 9	7-1958	_Date Co	mplete	demet	0-1958
	Location: Sec. 36	TR	<u>99</u>	sec		
Type of well	On (1)(); driven, or drilled)	_Equipment u	sed <u>C</u>	All urn, drill	tool, rotary, oth	ner)
Water use: Dom	estic Municipal	L Stoc	k 🔀	Irriga	tion	
Indus	trial Drainage	e Othe	r•	··		
Casing: O	ft. to <u>ID</u> ft.	Type gal.	<u> </u>	Size	6 his	·
Casing:	ft. toft.	Туре	<del> </del>	Size		<del></del>
Casing:	ft. toft.	Type		Size		
Perforated or so	reened: Ft. Z to	ft/\$_	. Ft	t	o ft	
	r perforations		_			
Static water lev	el, for non-flowing we	=11:	7	<del></del>		_feet.
Shut-in pressure	, for flowing well:	1b./	sq. in.	on:	(date)	
Pumping water le	vel/\$feet	at / 9	gal.	per mi	n.	
	Cylinder burn					
Length of test_	1 1 1			<del></del>		
Remarks: (Grave	1 packing, cementing,	packers, ty	pe of sh	ut-off	, depth	of
snu	Comment	Balo				
	<u> </u>	K CC V		<del></del>		
		<del></del>		·		

(over)

Log of Well

<del></del>		
Depth	feet	Description of Material Drilled
From	To	
0	4	Top soil
21	7	Land Course granel
,		(A) a ten
>	20	Land and fine Gravel  Blue shale
20		B has been been been been been been been bee
		W XXX A NOVE
	<del></del>	
	<u> </u>	
<u> </u>		
<del></del>		
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	] 	

C —Helena Independent Record	N
File No	T 9 N R 9 9 - 30
DUPLICATE	County Mussels List
ST	ATE OF MONTANA
	FOR OF GROUNDWATER CODE
	Vested Groundwater Rights NOV 1 1963
Declaration of	Vested Groundwater Rights NOV 1 1963
(Under Chapter	237, Montana Session Laws, 1961) STATE ENGINEER
1. 600 1.	4 / /
(Name of Appropriator)	of Musdelshell (Town)
County of MUSSELSKELL	State of
lows:	g to the Montana laws in effect prior to January 1, 1902, as 101-
N	The beneficial use on which the claim is based Hora Shall
3.	Date or approximate date of earliest beneficial use; and how con-
	Date or approximate date of earliest beneficial use; and how continuous the use has been
W	<u> </u>
4.	The amount of groundwater claimed (in miner's inches or gallons
	per minute) 6 3 a 1 to 12
	If used for immigration give the percent and description of the
s /	If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner
SE. 25-02	thereof Kausehall use.
54 14 Sec 30 T.8 R.29 Indicate point of appropriation	
and place of use, if possible. 6.	The means of withdrawing such water from the ground and the
Each small square represents 10 acres.	location of each well or other means of withdrawal
7. The date of commencement and complete drawal of groundwater	on of the construction of the well, wells, or other works for with-
	18 44
<del>-</del>	•
other works for the withdrawal of ground	ze and depth of each well or the general specifications of any
Dug Well 3 - dia	, 92 ft deep
10. The estimated amount of groundwater w	ithdrawn each year 14,000 Fallons
11. The log of formations encountered in the	drilling of each well if available 18 11 10 10 10 10 10 10 10 10 10 10 10 10
reference to book and page of any county	re as may be useful in carrying out the policy of this act, including record
	Signature of Owner Face Public
	Date. 10-3/-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA, SS. MUSSELSHELL COUNTY. SS. FILED THIS. A. I

-o'clockZ

COUNTY BECORDER
DEPUTY

<u></u>			
G —Helena Independent Record			T 8 N R 29
			County Musselshell
DUPLICATE	S.	TATE OF MONTANA	County
	-	TOR OF GROUNDWATER CODE	
	OFFIC	CE OF STATE ENGINEER	DECEIVED
1		f Vested Groundwater Righ	
•		r 237, Montana Session Laws, 1961	STATE ENGINEER
1 Fred OPute	n	of musselshe	Qf
(Name of Ap	propriator)	of Musselshe (Address) M	(Town)
have appropriated ground lows:	ndwater accordi	ng to the Montana laws in effect p	prior to January 1, 1962, as fol-
N N		The beneficial use on which the c	claim is based directoch
		Date or approximate date of earlies tinuous the use has been	vericer 1913
		The amount of groundwater claims per minute)	
8		If used for irrigation, give the a lands to which water has been all thereof	creage and description of the opplied and name of the owner
SE 14 Sec. 30 T. & R	29		
Indicate point of appropria and place of use, if poss Each small square represent acres.	sible. 6.	The means of withdrawing such volocation of each well or other means of the later of the control	ens of withdrawal Pumb
1913			wells, or other works for with-
8. The depth of water tabl	le 17 Hz		
9. So far as it may be avail other works for the with	lable, the type, s hdrawal of grou	size and denth of each well or the ndwater 4 4 4 4 4 4	
••••••			
10. The estimated amount of	of groundwater	withdrawn each year about	72,000 gallons
11. The log of formations en	countered in the	e drilling of each well if available . If Luch Aont Juli	laft, light

Signature of Owner Fred Orubin

Date 10-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

located.

STATE OF MONTANA, MUSSELSHELL COUNTY.

The Palestant and the Santage of Santage of the San

B H MATZKE

COUNTY RECORDER

DEPUTY

SING SWE TARE

G'	Approved Stock Form—State Publishing Co., Heleng, Montana—1921 & 32
File No	T. & R. 29
DUPLICATE	County Musselskell
OFF	STATE OF MONTANA RATOR OF GROUNDWATER CODE ICE OF STATE ENGINEER  JAN 2 1964
	f Vested Groundwater Rights
(Under Chap	pter 237, Montana Session Laws, 1961) SIAIC ENGINEEN
Commence of all subsiliarille	(Address) (Town)  State of Montana  to the Montana laws in effect prior to January 1, 1962, as follows:
N	
	2. The beneficial use on which the claim is based for the state of the
	ous the use has been July 1, 1953 and
W D E	4. The amount of groundwater claimed (in miner's inches or gallons per minute) S. G. F. W.
s	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
SW.14. Sec. 32 T. & R. 29	no ungation
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
drawal of groundwater	letion of the construction of the well, wells, or other works for with-
•	
9. So far as it may be available, the typ	e, size and depth of each well or the general specifications of any other
212" Cyclinder / 1/4	"Jy"
***************************************	
10. The estimated amount of groundwater	withdrawn each year 250, 50 gal
11. The log of formations encountered in the	withdrawn each year 250,000 gal  ne drilling of each well if available 0-4 tap soil  10' 53' Combon data.
93'-125' blue she	le .
12. Such other information of a similar na reference to book and page of any coun	ture as may be useful in carrying out the policy of this act, including ty record
$\sim$	me.
	Signature of Owner Date So, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA, MUSSELSHELL COUNTY. SS.

FILED THIS DAY OF

B. H. MATZKE

COUNTY RECORDER

A. D. 19 6.2

AT / 3 6 O'CLOCK / M

B. H. MATZKE

COUNTY RECORDER

A DEPUTY

DEPUTY

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

#### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

ેટ્રેંક	Developed af	er January 1,	1962	
(Under Chap	iter 237 Montana	Session Laws,	1961, as	amended

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the

	<del>-</del>		]	Kind	From	To
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	P	ERFORATION	is
STIMATED A	ANNUAL	WITHDRAY	WAL			
and Ac	ddition)					
state n	umber of	acres and	location (	or other da	ta (i.e. Lot,	Block
ISE: If used	for irrig	gation, in	dustrial, c	drainage or	other. Ex	kplain,
Describe	··					•••••
Indus	itrial 🔲	Drainage	O11	her □*	Garden/Lav	wn 🗌
vater Use:	Domestic	∵ Wu	nicipal []	Stock [3	¶ Irrigati	on 🗌
			(C	hurn drill, rotar		
quipment u	sedBo	tary				
ype of well	Dr13	led	(Dı	g, driven, bored	or drilled)	
			_	······································		
	Introd <b>See</b> A	e 20	1072			
ate well st	arted Sez	t. 26.	1972	3W 1		
equipmuol	Mont.	***************************************		Nov. 9,15	122 101	Sara-
			i	•		
Address .BC			1.5	ile 1846		
wner	nry-Be	dford	r	For Admi	nistrator's I	lse
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orm may bo	e returnec	1.	1 1	: .		

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S							

..... Roundup.

5<sup>6</sup> plastic

Static water level 100 ft.*  Pumping water level 210 ft.*  at 2 gallons per minute, measured minutes after pumping began.  *Measured from ground level.  Well developed by 121118 for 121118 hours.  Power Pump HP  Remarks: (Gravel packing, cementing, packers, type of shutoff)	
	•
XJXI,	•
	•

240

250

INDIC	ATE LO	CATION	OF	WELL	AND	PLACE	OF	USE,	iF	POSSIBLE
		SQUARE								

Driller's Signature Maule & Flerit	
Driller's Address Klain Star Rta.	

Nont. 59072 1	ICENSE	NO,	207
---------------	--------	-----	-----

#### DRILLER'S LOG

Indicate the character, color, thickor Maraval shale and as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

<del></del>	Ground	(Elev. above sea level)	
From (Feet)	To (Feet)		
0	5_	topsoil	
20	20	brown sandstone	
- <u>20</u>	_35 50	hlue gray shale	
KA	فوم	blue shale & benton	
55	90	Dina gray chale	-
90	120	blue bik shele	·
	蔣	shale blue & benton	Ė
135 135	170		
190	190 210	gray blue shale & he bentonite	171.
210	230	bentonite & sand (609	()
230	240	gray shale	
240.	250	blue shale & benton	ŀb
	<del></del>		
			<del></del> -
		ريون المراجع ا المراجع المراجع	
		<del></del>	
		· - بيب — س هه الله سر يام سه مي يام الله بين ها الله يام الله الله	
+			

\_\_ Show exact depth of bottom

्र 18463**इ** 

STATE OF MONTANA, MUSSELSHELL COUNTY. FILED THIS 9 Ck OCLOCK M.

F. FLETCHER

COUNTY RECORDER DEPUTY

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Thanking They be

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File No..... DUPLICATE

STATE OF MONTANA

### ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

County Film 2 1854

Declaration of Vested Groundwater Rights \*\*\* ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator	r) of Musselshell (Town)
County of Misselshall	State of Montena
N I I I I I I I I I I I I I I I I I I I	2. The beneficial use on which the claim is based
	Stock-water
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been
E	1954
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
	6 gal per min
s	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
E1/48W Sec311 T8 R.29	
dicate point of appropriation	
d place of use, if possible. Each ail square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca-
	tion of each well or other means of withdrawal
	***************************************
. The date of commencement and co	ompletion of the construction of the well, wells, or other works for with
drawal of groundwater	ompletion of the construction of the well, wells, or other works for with
drawal of groundwater	ompletion of the construction of the well, wells, or other works for with
drawal of groundwater	ompletion of the construction of the well, wells, or other works for with
The depth of water table 60.50 So far as it may be available, the works for the withdrawal of groundy	cylinger pump  ompletion of the construction of the well, wells, or other works for with  est  type, size and depth of each well or the general specifications of any other water
The depth of water table 60. So far as it may be available, the works for the withdrawal of grounds  Drilled 4. Inch cas	cylinger pump  ompletion of the construction of the well, wells, or other works for with  type, size and depth of each well or the general specifications of any other  water
The depth of water table 60. go So far as it may be available, the works for the withdrawal of grounds Drilled 4 inch cas	cylinger pump  completion of the construction of the well, wells, or other works for with  cet  type, size and depth of each well or the general specifications of any other water
The depth of water table 60 for So far as it may be available, the works for the withdrawal of grounds Drilled 4 lach cas	cylinder pump  completion of the construction of the well, wells, or other works for with  cet  type, size and depth of each well or the general specifications of any other water.  11ng 90 feet deep
The depth of water table	cylinder pump  completion of the construction of the well, wells, or other works for with  type, size and depth of each well or the general specifications of any other water  sing 90 feet deep  ter withdrawn each year 60,000 gal
The depth of water table	cylinder pump ompletion of the construction of the well, wells, or other works for with type, size and depth of each well or the general specifications of any other water
The depth of water table 60 for some solutions of groundwater.  So far as it may be available, the works for the withdrawal of groundwater.  Drilled 4 lach cas  The estimated amount of groundwater.	cylinder pump  completion of the construction of the well, wells, or other works for with  type, size and depth of each well or the general specifications of any other water  sing 90 feet deep  ter withdrawn each year 60,000 gal
The depth of water table 60. ge  So far as it may be available, the works for the withdrawal of groundy  Drilled 4 inch cas  The estimated amount of groundwat  The log of formations encountered in the case of t	cylinger pump  completion of the construction of the well, wells, or other works for with  type, size and depth of each well or the general specifications of any other water  Ling 90 feet deep  ter withdrawn each year 60,000 gal  n the drilling of each well if available  n ature as may be useful in carrying out the policy of this act, including ounty record.
The depth of water table 60. ge  So far as it may be available, the works for the withdrawal of groundy  Drilled 4 inch cas  The estimated amount of groundwat  The log of formations encountered in the case of t	cylinder pump  completion of the construction of the well, wells, or other works for with  type, size and depth of each well or the general specifications of any other water  sing 90 feet deep  ter withdrawn each year 60,000 gal  n the drilling of each well if available  n and a remaining out the policy of this act, including ounty record.
The depth of water table 60. ge  So far as it may be available, the works for the withdrawal of groundy  Drilled 4 inch cas  The estimated amount of groundwat  The log of formations encountered in the case of t	cylinger pump  completion of the construction of the well, wells, or other works for with  type, size and depth of each well or the general specifications of any other water  Ling 90 feet deep  ter withdrawn each year 60,000 gal  n the drilling of each well if available  n ature as may be useful in carrying out the policy of this act, including ounty record.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplica for the Appropriator. 17821

STATE OF MONTANA,
MUSSELSHE'LL COUNTY.

FILED THIS 30 DAY OF

A. D. 1963

AT 2:42 O'CLOCK M.

B. H. MATZKE

COUNTY RECORDER COUNDY RECORDER

Anances & Laurson
DEPUTY

GW 3 File No.. County Masselshell **DUPLICATE** DECEIVE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER STATE ENGINEER Notice of Completion of Groundwater Appropriation Without Well (Under Chapter 237 Montana Session Laws, 1961) Date of Appropriation of Groundwater Un Known Prior to Mrs. Buth Phillips NgwOrleans, La, 1950 Owner County Contractor (if any) George Bud " Honsen Address of Contractor Roundup, Monte Date Started 1952 Date Completed 1952 Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring Cleaned by deep 10' wide, 50' long, 12 X 12 wooden box oround tlow Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use ..... N.E. 4 Sec 34 T.8 R-29 Indicate point of appropriation storage pond 10' X 25; and place of use, if possible. 3 deep, used 8 mo, o7 each year. Mrs. Ruth Phillips Signature of Owner by Bor UB of Cottle Co. In

This form to be prepared by contractor (if any), otherwise by the owner. 2/13/63

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

GW 2	Approved Stock Form—State Publishing Co., Helena, Montana—45642
File No	m 8 m 0 a
	ro accounces admin
	County Musulshull STATE OF MONTANA
rod 1418	ADMINISTRATOR OF GROUNDWATER CODE
Top of Ground	OFFICE OF STATE ENGINEER
(Elev. above sea level	Notice of Completion of Groundwater
	Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962
20 soul	(Under Chapter 237, Montana Session Laws, 1961)
	Owner J Bar L Ranch Address Musselshelf Mont.
- 2r' shale	
23	Driller Harry Mr. Council Address Roundry Mont,
- 40 hard sandstor	Date of Notice of appropriation of groundwater
- (water zone)	Date well started May 21,1948 Date completed May 23,1948
( we what years)	Type of well dwilled Equipment used Church Anill
50 sandstone	(Dug, driven, bored or drilled) (Churn drill, rotary or other)
	Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐ ☐ Industrial ☐ Drainage ☐ Other ☐
- 60' shale	Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show
- 4	depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.
<b> -  </b>	Circ. J. Sto. and From To
<b>-</b> 1	Drilled Weight (Feet) (Feet) PERFORATIONS Hole of Casing Kind From To
<u> </u>	7 11 5110 0 614 Size (Feet) (Feet)
	14 40 52
	Stats
_	
<b>  </b>	N Static Water Level for non-flowing well
F .	feet.
	Shut-in Pressure for Flowing Well.  Pumping Water Level.
	w at 32 gal. per minute.
	Discharge in gal. per min. of flowing well
	- X - Lille
<u> </u>	How Tested.
	Remarks: (Gravel packing, cementing, pack-
-   N	WSF Sec C T. 8 R 29 ers, type of shutoff) mone
	Indicate location of 11 and place of use, if possible. Each
	small square regressor a 40 acres.
	(Continue on reverse side)
1	USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Additional Control of the Contro
-	linestock
·  -	
Show exact depth of bottom.	
	the state of the s
This form to be prepared by driller, and three co. County Clerk and Recorder in the county in which	ples to be fried by the owner with the
retained by driller.	Harry McConnell
Please answer all questions. If not applicable, returned.	so state, otherwise the form will be  Driller's License Number  Driller's Signature.
	44,987
Salar Salar Salar Salar	7,7110/

STATE OF MONTANA, MISSTISHELL COUNTY.
MISSTISHELL COUNTY.

The corresponding from the south of the standard of the standard of the south of th

GROUNDWATER INDEX

Page | of

County Musselshell Twp. 8N Rge. 30E

2 Magny Warren GW3 1511407 4 "" " GW3 168725 4 Horgan, Larveld 57126 4 Rebinson, Johnstone GW4 169837 5 Arman, Schnilling GW4 169837 6 Roll, Clyde 57106 72 Manny Warren GW4 169742 72 Manny Warren GW4 169708 72 Manny Horn Gw4 169708 72 Manny Merle 57106 72 Jhampson, Merle 57106 72 Jhampson, Merle 57106 72 Manny Company Gw4 173249 72 Manny Company Gw4 173249 72 Manny Company Gw4 173249 72 Mallion, J.O. 51106 72 Mallion, J.O. Gw4 173248 72 Mallion, J.O. Gw4 173248 72 Mallion, J.O. Gw4 163791 73 Panlion, J.O. Gw4 163791 73 Panlion, J.O. Gw4 163791 73 Panlion, J.O. Gw4 173250 73 Mallion, J.O. Gw4 173250 74 Milion, J.O. Gw4 173250 75 Milion, J.O. Gw4 173250 75 Milion, J.O. Gw4 173250 76 Milion, J.O. Gw4 173250 77 Milion, J.O. Gw4 173250 78 Milion, J.O. Gw4 165791 78 Panlion, J.O. Gw4 163791 78 Panlion, J.O. Gw4 163791 79 Panlion, J.O. J.103 70 Panlion, J.O. Gw4 163791 79 Panlion, J.O. J.103 70 Panlion, J.O. Gw4 163791 79 Panlion, J.O. J.103 70 Panlion, J.O. J.103 70 Panlion, J.O. J.103 71 Panlion, J.O. J.103 71 Panlion, J.O. J.103 72 Panlion, J.O. J.103 73 Panlion, J.O. J.103 74 Panlion, J.O. J.103 75 Panlion, J.O. J.103 76 Panlion, J.O. J.103 77 Panlion, J.O. J.103 78 Panlion, J	Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
3 Julton, James GW3 171407 4 "" "GW4 168728 4 "" " GW3 168725 4 Horizan, Flanda 57105 4 Robinson, John Minna GW4 169837 5 Shanpson, J. GW3 173314 6 Boll, Clipte 57106 6 Roll, Clipte 57106 6 Roll, Clipte 57106 12 Mart, Warren GW4 169741 12 "" "GW4 169741 12 "" "GW4 169741 18 Robinson, John Minna Gw4 169741 18 Robinson, John Minna Gw4 169835 22 Million, J.O. 57106 22 Jhanpson, Mirle 57106 22 Jhanpson, Mirle 57106 22 "" "GW4 173248 23 Northern Pacific Railury Company GW3 168906 24 Robinto, Floon GW4 18929 24 "" "GW3 169240 24 "" "GW3 169240 24 "" "GW3 169240 24 "" "GW3 169240 25 Million, J.O. GW4 169791 30 Barl Ranch GW2 178472 30 J Rarl Ranch GW2 178472 31 Jhanpson Menal GW4 173250 32 Million, T.O. 57106 33 "" GW3 165797 35 "" "GW3 165797	2	Maart Warren	GW4	169711	
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GW 4

County JAN 3 1964

## State of Montana Administrator of groundwater Code Office of State Engineer

OF VESTED GROUNDWATER RIGHTS

	LARATION OF VESTED C		1.
Harren Minder	and	We design taws, 1901,	Lan o
<del></del>			
1(Name of Appropriator	e of	of	(Town)
County of	State of according to the Mon	tana laws in effect p	rior to January 1,
1,02, as 10110ws.			stock
2.	The beneficial use o	n which the clain is	based
<del>                                    </del>	Data an annufacinata	unavae	lable date
	continuous the use h	date of earliestabens	ilcial use; and now
5W 4 8 30 4.	The amount of ground per minute)	water claimed (in mir	mer's inches or gallons
3	If used for irrigati		and description of the
Indicate point of appropriation and place of use, if	thereof	. Has been abbited and	or the owner
possible. Each small square 6. represents 10 acres.	The means of withdra location of each well	wing such water from 1 or other means of w	the ground and the withdrawal
7. The data of temme normanty ar	unand completion of the	vailable date construction of the v	vell, wells, or other
works for withdrawal of gro	150ftbeforp	donomicately	
8. The depth of water table		· · · · · · · · · · · · · · · · · · ·	
9. So fall as it make becavailab specifications of any other			
10. The estimated amount of gr		•	
11. The log of formations enco			
• • • • • • • • • • • • • • • • • • • •			
12. Such other information of policy of this act, include			
• • • • • • • • • • • • • • • • • • • •		******	•••••
		_ Ifa	rew Maart
	Signa	ture of Owner Alle.	sew Maart. 3.1., 4.4.63
		Date	

BYATE OF MONTANA, BUSSELSHELL COUNTY, SS.

File No.

DUPLICATE

#### County. STATE ENGINEER

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Mc556154611 OCT 16 1964

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Ownerfames Fulton Address turfield, Hash
Contractor (if any) Harry Mc Connell 443
Address of Contractor 22/3 St Cast
Address of Contractor Land of Montana
Date Started July 17 4 pate Completed July 27, 1965
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to water when applicable.
driller driller to a depth of
130 ft through sand and shall
B Company
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use
" Used all you naved as it is
for furture for stock with
water at 15 gal fer minte
on pump
Signature of Owner January Healton
Date Och 15 1965

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

This should your there was

STATE OF MONTANA, MUSSELSHELL COUNTY, MUSSELSHELL COUNTY, MAY 09 FILED THIS BAY 09 AT 10 20 O'CLOCK M.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

File No.....

DUPLICATE

T. & N. R. 3.0 F.
County Musikhell

### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

	(Under Cha	apte	r 237, Montana Session Laws, 1961) STATE ENGINEER
	Or of The		Tailield
1	(Name of Appropriator)	ć	of Farfield (Town)
	have appropriated groundwater accolows:	ordi	State of Mashana for to January 1, 1962, as fol-
	И	2.	The beneficial use on which the claim is based
		3.	Date or approximate date of earliest beneficial use; and how continuous the use has been Musch 17, 1961
w	Е		
		4.	The amount of groundwater claimed (in miner's inches or gallons per minute)  18 9 al fur minute
	s	5.	If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner
•			thereof
I a	ndicate point of appropriation nd place of use, if possible. Cach small square represents 10	6.	The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
٠	cres.		Gastlind Many and Mysters
7	. The date of commencement and com drawal of groundwater	plet	tion of the construction of the well, wells, or other works for with-
8	The depth of water table $2/8$	کور	4.
	other works for the withdrawal of gr	roui L.	ize and depth of each well or the general specifications of any ndwater if week of the Caracan and and a second se
			ad V E
			withdrawn each year susualded know
11	The log of formations encountered in	the	drilling of each well if available 110 - 118 sandy
	2/5-Ta 2/8-llack	1	for the second s
1.2	reference to book and page of any co	unt	re as may be useful in carrying out the policy of this act, including y record
	***************************************		
			Signature of Owner Janus Fulton Date Och 14, 1963
			Date Och 14 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA.

MUSSELSHELL COUNTY.

FILED.THIS DAY OF

A. D. 19

A. D. 1

File No.....

T 81V. R 30 E

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

OFFICE OF STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

		Date of Appropriation of Groundwater 1930 1-1-43
		Owner James Julton Address Fairfield, Hush
		Contractor (if any)
		Address of Contractor by auner  Date Started Has on land when punchased  Date Completed
		Date Started Tas Date Completed
	N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
•		water when applicable Lakranged task
		ground level 10 ft dismeter
		water led to tank by I inch.
w	R	galvanized Sipt Asing packet
		in sidl kill
		Quantity of water developed and used with explanation of method
		used to measure or estimate such amount. If use is intermittent
	8	estimate approximate lengths of periods of use. Que
1	Indicate point of appropriation	assemd
	and place of use, if possible.	
		Signature of Owner James Fulton
		Signature of Owner Janes Sulton  Date Oct 14 1963
		Date Office Land Land Tole of

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONYANA
COUNTY OF MUSSELSHELL
I HERESY CERTIFY THAT THE INSTRUMENT TO WANCE
THAT IS I FRATE IS ANNEXED IS IRUE. COMPLETE AND
THAT IS I FRATE IS ANNEXED IS IRUE. COMPLETE AND
THE IS I FRAME IS ANNEXED IS IRUE. COMPLETE AND
THE IS I FRAME IS INCLUDED AND INCLUDENT IN INC

D A D. 195 T 3.45 oclock PM. B. H. MATZKE

B. H. MATZKE

COUNTY RECORDER

Para DEPUTY

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· ·	4
	T & R 30
	County Musselshell
MONTANA BUREAU OF MINES AND Butte, Montana	GEOLOGN ECEIVE
WATER WELL LOG	STATE ENGINEER
Owner Llarold Hangan	Address Melatane Mont
Driller L. Flesqueson	Address Jaundupy Mon
Tate Started Musch 9-1941	Date Completed March 11-196
Location: Sec. L. T. L. R. 3.0.	1/4 sec 2000 LE
Type of well (Dug. driven, bored, or drilled) Equipment used	(Churn drill, rotary, other)
Water use: Domestic Municipal Stoc	ck Irrigation
Industrial Drainage Other:	,
Casing:	
Casing:ft. toft. Type	
Casing:ft. toft. Type	Size
Perforated or Screened: Ft. 205 to 1t. 215 Ft.	to ft
Type of screen or perforations Alst	
Static Water level, for non-flowing well:	feet.
Shut-in pressure, for flowing well:lb./sq. in. or	1:(date)
Pumping water levelfeet at	/8 gal. per min
How test 1: Like Ing	
Length of test 30 min	
Remarks: (Gravel packing, cementing, packers, type of shut-off, depi	
grand passed from In	m to hattons.

(over)

Log of Well

Log of Weil				
Depth, feet				
From	To	Description of Material Drilled		
	- 10			
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110	126	Sondy Skale. Blue skale		
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155	171-	March dealer Abol		
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215	218	Blue Okale)		
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State of Montana
Administrator of groundwater Code
Office of State Engineer

ADAMTON TO STATE THE STATE OF TH

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, (1961) E ENGLINEER

Holen Mor anna l	I sto fenson of Musselshell			
(Name of Appropr	riator), (Address) (Town)			
County of further	plator) (Address) (Town)			
	mater according to the Montana laws in effect prior to January 1,			
1962, as follows:	·			
	Y 1			
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	2. The beneficial use on which the claim is based. Juntoch			
	**********************************			
" - <del> - - - - - - - - - - - - - - - - - -</del>	3. Date or approximate date of earliest beneficial use; and how			
	continuous the use has been			
h + +   -   -   -   -   -				
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)			
5	bot minuo),			
#H. Sec. Z. T. 30.R	5. If used for irrigation, give the acreage and description of the			
Toda - to ordet - & common -	lands to which water has been applied and name of the owner			
Indicate point of appropr tion and place of use, if				
	uare 6. The means of withdrawing such water from the ground and the			
represents 10 acres.				
	location of each well or other means of withdrawal			
7 The date of commenceme	ent and completion of the construction of the well wells or other			
works for withdrawal o	ent and completion of the construction of the well, wells, or other of ground water			
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
S. The depth of water tab	ole 25 ff			
5. The depth of water tab	the contraction of the contracti			
9. So far as it may be available, the type, size and depth of each well or the general				
specifications of any other works for the withdrawal of groundwal of groundwater				
	· · · · · · · · · · · · · · · · · · ·			
10. The estimated amount of groundwater withdrawn each year. 50,000				
	encountered in the drilling of each well if available			
	on of a similar nature as may be useful in carrying out the			
policy of this act, i	ncluding reference to book and page of any count record			
	•••••••••••••			
	4			
	Signature of Owner Lahre M. Makings			
	Digitable of Owners			
	Signature of Owner Jahn M. Mabinson  Date . 12-31-63			

STATE OF MONTANA, MUSSELSHELL COUNTY.

MONTANA,
HELL COUNTY,

D THIS

DAY OF

A. D. 196

3. 18

O'CLOCK

B. H. MATZKE

COUNTY RECORDER

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OF WATER CONSERVATION BOARD	Approved Stock Form-State Publishing Co., Helena, Montana-42262
File No	T 8 R 30 F
DUPLICATE SicDemont.	County Musselakell
	E OF MONTANA
	R OF GROUNDWATER CODE F STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Owner L. Thomas Son Address Joseph, Origo
	Contractor (if any)
	Address of Contractor
	Date Started 1959 Date Completed
N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
	water when applicable Natural Frocesses
	springs
	U ()
,	E
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
\$2-	estimate approximate lengths of periods of use
5W4 Sec T 8 R30	stock water
Indicate point of appropriation	
and place of use, if possible.	
	Signature of Owner Frank L. Thompson
	Date A. 2 17 1965

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA. SS. MUSSELSHELL COUNTY.

AUDE F. FLETCHER

- 1977	T & R 30
DECEIVED OF THE AND TH	County Masselshell
MUNTANA BUREAU OF MINES AND	GEOLOGY
STATE ENGINEER Butte, Montana	
WATER WELL LOG	Service of the Service of Service
Owner Clyde Bell	
Driller Me Connell Bris.	Address Roundin Mont
Date Started Mov. 1, 1956	
Location: Sec. (C. T. 8 R 3.6	
Type of well Coug, driven, bored, or drilled) Equipment used	(Churn drill, rotary, other)
<b>677</b>	k 🗵 Irrigation 🗔 .
Industrial Drainage Other:	
Casing: 6 1t. to 220 ft. Type21 34. 1	tel size 6"
•	Size
Casing:ft. toft. Type	Size
Perforated or Screened: Ft. 185 to ft. 215 Ft.	to ft
Type of screen or perforations fatour sude 5" sl	te
Static Water level, for non-flowing well:	feet.
Shut-in pressure, for flowing well:lb./sq. in. on	(3-4-)
Pumping water level 185 / feet at 15	(date)
How tested: Asiler	
Length of test	
Remarks: (Gravel packing, cementing, packers, type of shut-off, dept	h of shut-off)
me	

(over)

Log of Well

Dept From				
From	h, feet To	Description of Material Drilled		
		: //	<u> </u>	
0	1	soil		
1	10	sand rock		
10	58	shele	4. · · · · · · · · · · · · · · · · · · ·	,
58	60	coal		
60 x	7.0	shale	1	
70	80	sand		
80	110	shale		
110	115	sank		· ·
115	185	phale	1/2	
185	#350	the sand Cavate	· Searing)	· .
2/5	220	shale	7	***
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3W 3	Approved Stuck Form—State Pa	iblishing Co., Helena, Montana—42262
File No		T 8 P 30 F
DUPLICATE		County
	STATE OF MONTANA	JAN 8 1964

# ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER STATE ENGINEER Notice of Completion of Groundwater Appropriation

Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	<del></del>
	Date of Appropriation of Groundwater 7 / 13
	Owner And Address And Address And Address
	Contractor (if any)
	Address of Contractor
	Address of Contractor
	Date Started Date Completed
	"我们,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们
N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
	water when applicable I Mung Interna
	The year Anound.
w	
	***************************************
	***************************************
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
, , , , , , , , , , , , , , , , , , ,	estimate approximate lengths of periods of use
VWNW Sec & T & R30	I have been a supported to the support of the suppo
Indicate point of appropriation	Mp/12 then
and place of use, if possible.	
	0. 1.10.20.01
	Signature of Owner 11 A 11 A B. B. 12 18
	Date 1 2.30 1963
	Date 1 1 16.2

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.